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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/806,211	03/27/2001	Manfred Keller	764-25397US	4892
128	7590	10/04/2004	EXAMINER	
HONEYWELL INTERNATIONAL INC.			BAYARD, EMMANUEL	
101 COLUMBIA ROAD			ART UNIT	
P O BOX 2245			PAPER NUMBER	
MORRISTOWN, NJ 07962-2245			2631	

DATE MAILED: 10/04/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

**Application No.**

09/806,211

**Applicant(s)**

KELLER ET AL.

**Examiner**

Emmanuel Bayard

**Art Unit**

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 27 March 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-3 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-3 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Specification***

1. This application does not contain an abstract of the disclosure as required by 37 CFR 1.72(b). An abstract on a separate sheet is required.

The abstract of the disclosure is objected to because it should be limited to a single paragraph on a separate sheet within the range of 50 to 150 words. Correction is required. See MPEP § 608.01(b).

2. The disclosure is objected to because of the following informalities: heading sections are missing.

Appropriate correction is required.

The following guidelines illustrate the preferred layout for the specification of a utility application. These guidelines are suggested for the applicant's use.

### **Arrangement of the Specification**

As provided in 37 CFR 1.77(b), the specification of a utility application should include the following sections in order. Each of the lettered items should appear in upper case, without underlining or bold type, as a section heading. If no text follows the section heading, the phrase "Not Applicable" should follow the section heading:

- (a) TITLE OF THE INVENTION.
- (b) CROSS-REFERENCE TO RELATED APPLICATIONS.
- (c) STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT.
- (d) INCORPORATION-BY-REFERENCE OF MATERIAL SUBMITTED ON A COMPACT DISC (See 37 CFR 1.52(e)(5) and MPEP 608.05. Computer program listings (37 CFR 1.96(c)), "Sequence Listings" (37 CFR 1.821(c)), and tables having more than 50 pages of text are permitted to be submitted on compact discs.) or  
REFERENCE TO A "MICROFICHE APPENDIX" (See MPEP § 608.05(a). "Microfiche Appendices" were accepted by the Office until March 1, 2001.)
- (e) BACKGROUND OF THE INVENTION.
  - (1) Field of the Invention.
  - (2) Description of Related Art including information disclosed under 37 CFR 1.97 and 1.98.

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- (f) BRIEF SUMMARY OF THE INVENTION.
- (g) BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING(S).
- (h) DETAILED DESCRIPTION OF THE INVENTION.
- (i) CLAIM OR CLAIMS (commencing on a separate sheet).
- (j) ABSTRACT OF THE DISCLOSURE (commencing on a separate sheet).
- (k) SEQUENCE LISTING (See MPEP § 2424 and 37 CFR 1.821-1.825. A "Sequence Listing" is required on paper if the application discloses a nucleotide or amino acid sequence as defined in 37 CFR 1.821(a) and if the required "Sequence Listing" is not submitted as an electronic document on compact disc).

### *Claim Objections*

3. Claim 1 is objected to because of the following informalities: a semi-column is required between successive limitations or steps. In lines 9, 15, and 21 after "duration", "(20)" and "(N)" replace the "," with ---;--- respectively. Appropriate correction is required.

### *Claim Rejections - 35 USC § 103*

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1-3 are rejected under 35 U.S.C. 103(a) as being unpatentable over Suzuki et al U.S. Patent No 5,956,650 in view of Ito et al U.S. patent no 6,301,230 B1.

As per claim 1, Suzuki et al teaches a method for operation of transmitting and receiving devices a control system for one more rooms in a building, comprising the following measures: the each transmitting device (20)(see figs. 1, 4 elements 27a, 27b) transmits data signals (N), be received by each receiving device predetermined transmission cycle, specifically with 10

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predetermined time interval and with predetermined transmission duration; the or each receiving device (19) (see figs. 1, 4 elements 27a, 27b) is activated predetermined time interval and for predetermined time period with the time interval and the time period the or each receiving device (19) being synchronized the transmission cycle of the each transmitting device (20) (see col.4, lines 45-60 and col.7, lines 5-25); the each transmitting device (20) transmits a synchronization signal (S) (see abstract and col.2, lines 55-67 and col.4, lines 55-59), in addition data signals to the or each corresponding receiving (19), with the synchronization signal (S) information about time interval between the transmitted data signals (N); the transmitting devices (20) and receiving devices which communicate with another are allocated (see col.19, lines 43-45).

However Suzuki et al does not teach devices communicate with another are allocated via addresses, which are included in the synchronization signal and data signal (N).

Ito et al teaches devices communicate with another are allocated via addresses which are included in the synchronization signal and data signal (see figs. 8, 20-21, 23-24, 26-27 and 29-30 and col.13, lines 55-67 and col.14, lines 5-67).

It would have been obvious to one of ordinary skill in the art to implement the teaching of Ito into Suzuki as to reset the allocation at a certain time in order to determine the position of the paging signals as taught by Ito (see col.14, lines 5-20).

As per claim 2, Suzuki and Ito in combination would include the synchronization signal is transmitted at halfway point during the time interval of transmitted data signals (N) as to reset the allocation at a certain time in order to determine the position of the paging signals as taught by Ito (see col.14, lines 5-20).

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As per claim 3, Suzuki and Ito in combination would include for synchronization, the or each receiving device (19) is activated until it receives the corresponding synchronization signal from the corresponding transmitting device as to reset the allocation at a certain time in order to determine the position of the paging signals as taught by Ito (see col.14, lines 5-20).

***Conclusion***

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Weigand et al U.S. patent No 5,822,308 teaches a multi-tasking sequencer.

Selin U.S. Patent No 5,914,796 teaches a communication protocol for half duplex.

Sugaya U.S. patent No 6,628,640 B1 teaches a transmission control method.

Eto et al U.S patent No 5,701,581 teaches a method for bidirectionally transmitting digital video.

Suonvieri U.S. patent O 6,047,181 teaches a time division multiple access.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Emmanuel Bayard whose telephone number is 571 272 3016.

The examiner can normally be reached on Monday-Friday (7:Am-4:30PM) Alternate Friday off.

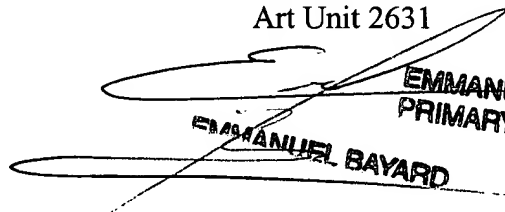
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mohammed Ghayour can be reached on 571 272 3021. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

9/30/04

Emmanuel Bayard  
Primary Examiner  
Art Unit 2631

  
**EMMANUEL BAYARD**  
**PRIMARY EXAMINER**  
**EMMANUEL BAYARD**